BULLETIN OF THE HISTORY OF MEDICINE

ORGAN OF
THE AMERICAN ASSOCIATION FOR THE HISTORY OF MEDICINE
AND OF
THE JOHNS HOPKINS INSTITUTE OF THE HISTORY OF MEDICINE

Founded by HENRY E. SIGERIST

Editor—LLOYD G. STEVENSON

Assistant Editor—JANET B. KOUDELKA

ADVISORY EDITORIAL BOARD

JOHN B. BLAKE
GEORGE W. CORNER
SAUL JARCHO
ESMOND R. LONG
GENEVIEVE MILLER
PETER H. NIEBYL
THOMAS B. TURNER
A. EARL WALKER

VOLUME 48

BALTIMORE
THE JOHNS HOPKINS UNIVERSITY PRESS
1974

COPYRIGHT, 1974 BY THE JOHNS HOPKINS UNIVERSITY PRESS

TABLE OF CONTENTS

The Antigen-Antibody Reaction and the Physics and Chemistry of Life: Pauline M. H. Mazumdar 1

The Background to Arthur Harden's Discovery of Cozymase: Robert E. Kohler, Jr. 22

Hospital Patients in Florence: San Paolo, 1567-68: Bernice J. Trexler 41

The Blind Man and the French Revolution: Dora B. Weiner 60

Physiological Explanation in Magendie's Manifesto of 1809: William R. Albury 90

Lister, His Books, and Evolvement of His Antiseptic Wound Practices: Owen H. Wangensteen and Sarah D. Wangensteen 100

Christian Fenger, Medical Immigrant: George Rosen 129

Science, Politics and Spontaneous Generation in Nineteenth Century France: The Pasteur-Pouchet Debate: John Farley and Gerald L. Geison 161

Origins of the Receptor Theory of Drug Action: John Parascandola and Ronald Jasensky 199

Measuring and Plugging: The Magical Containment and Transfer of Disease: Wayland D. Hand 221

The Disease of Masturbation: Values and the Concept of Disease: H. Tristram Engelhardt, Jr. 234

Chemicals and Meat: The Embalmed Beef Scandal of the Spanish-American War: Edward F. Keuchel 249

The Cesarean Operation in Alta California during the Franciscan Mission Period (1769-1833): Rosemary Keupper Valle 265

Cynicism and Medicine: Fridolf Kudlien 305

Romanticizing the Ancient Medical Profession: The Characterization of the Physician in the Graeco-Roman Novel: Darrell W. Amundsen 320

"Doctor William Cullen, Physician, Edinburgh": Guenter B. Risse 338

The Nose, Ambient Air, and Airway Mucosa: Donald F. Proctor 352

Freud's Paper "On Male Hysteria" and the Conflict between Anatomical and Physiological Models: Kenneth Levin 377

Chasing the Cure: Irving Fisher's Experience as a Tuberculosis Patient: CHRISTINE R. WHITTAKER 398
Influenza 1918-1919: A Study in Mortality: ROBERT S. KATZ .. 416
Imperialism and Medical Education in China: JOHN Z. BOWERS .. 449
From 48 to 46: Cytological Technique, Preconception, and the Counting of Human Chromosomes: MALCOLM JAY KOTTLER .. 465
The Fielding H. Garrison Lecture: Blinders of the Mind: Historical Reflections on Functional Impairment of Vision: ILZA VEITH 503
Hideyo Noguchi Lecture: George Cheyne, Mirror of Eighteenth Century Medicine: LESTER S. KING 517
A Historical-Phenomenological Study of Bodily Pain in Western Man: DANIEL DE MOULIN 540
William Osler Medal Essay: Changing Concepts of the Nosology of Gonorrhea and Syphilis: KENNETH M. FLEGEL 571

NOTES AND COMMENTS

The Intriguing Nucleus of Deiters: Notes on an Eponym: FRANCIS SCHILLER 276
The Congressional Debate over the Seaman's Sickness and Disability Act of 1798: HARRY J. CAMPBELL 423

MEDICO-HISTORICAL NEWS AND ACTIVITIES

Correspondence and Reports:

Comments on "Berlin Correspondence" 146
Appointments in the History of Medicine 427
The Institute of the History of Medicine, Katholieke Universiteit, Nijmegen, The Netherlands (DANIEL DE MOULIN) .. 589
Carlos Martínez Durán (1906-1974) (FRANCISCO GUERRA) .. 590
Announcements 147, 287, 431, 591

BOOK REVIEWS 152, 294, 434, 594

CONTRIBUTORS TO THIS NUMBER 159, 304, 447, 602

INDEX OF NAMES—VOLUME 48 603

INDEX OF NAMES—VOLUME 48 *

Pagination according to issues:

No. 1 (Spring) 1-159
No. 2 (Summer) 161-304
No. 3 (Fall) 305-447
No. 4 (Winter) 449-605

Abbott, Lyman, 455
Abel, J. J., 2
Abélard, 558
Abernethy, John, 583
Abraham, Karl, 514, 515
Ackerknecht, E. H., 154-155, 158
Addison, William, 439-441
Aeschylus, 569
Agamemnon, 567
Aikin, John, 115
Aisenberg, E., 496
Albert, Eduard, 119
Albertus Magnus, 168, 184
Albury, William R., 90-99, 159
Alexander I, 81, 82
Alexander III, 460
Alexander the Great, 566
Alger, Russell A., 251, 254, 262, 263
Allbutt, T. C., 328
Allen, E., 474
Allen, Harrison, 374
Alpar, John J., 120
Alvarez Amezquita, José, 268
Amundsen, Darrel W., 320-337, 447
Ananias, 507
Anderson, Gaylord W., 293-294
Anderson, Killoch, 106
Anderson, O. E., 263
Anderson, Thomas, 123
Andres, A., 478, 490, 498
Anne, *Queen*, 356
Antiochus I Soter, 334, 335
Antisthenes, 308
Appel, Toby, 164
Appian, 333
Apuleius, 321, 323, 324, 325, 331, 333, 336
Araki, Torasaburo, 462
Arbuthnot, John, 356
Aristainetos, 322, 329
Aristotle, 276, 562
Armitage, 86
Armour, H. O., 254
Armour, Philip D., 250, 255, 256
Arneth, 122
Arrhenius, Svante, 8, 9, 10, 11, 13
Aschenbrandt, T., 362
Asclepiades of Prusa, 328
Asklepios, 505, 568
Astruc, J., 573, 576
Athenaeus of Attalia, 311
Augustine, *St.*, 269, 314, 561, 564
Avery, O. T., 20
Avicenna, 555, 556, 557
Avisse, J.-B., 74, 81

Bacon, Francis, 99, 554
Baginsky, Benno, 280
Baglivi, 446
Bailey, Percival, 126
Bailly, Nicholas, 559
Baker, J., 471
Balaguer Perigüel, Emilio, 446
Balard, 182
Balfour, Francis, 577, 584
Bamberger, 377, 379, 394, 395
Bancroft, Hubert H., 265
Barbauld, Anna Letitia, 115
Barbier de la Serre, Charles, 86

* This index comprises the names of contributors as well as names in the text of original articles and titles of book reviewed, to the exclusion of bibliographies, reports, announcements, and similar materials.

Barlow, Claude H., 459
Barthez, Paul-Joseph, 92, 94
Bates, Donald, 588
Baumann, Eugen Albert, 303
Baur, Otto, 302
Beams, H., 483, 502
Beecher, Henry Ward, 357
Behring, Emil Adolph, 119
Bekhterev, 280, 281, 282, 286
Bell, Benjamin, 112, 582, 583, 584, 587
Bell, Charles, 112
Bell, John, 112, 546
Belling, J., 498, 499
van Bemmelen, 13
Benedetto di Lozo Marini, 43, 44, 45, 51, 58, 59
Benedikt, Moriz, 379, 395, 396
Benenden, E. von, 468
Bennet, John P., 158
Bentley, Richard, 522, 523, 524
Bergeron, Albert, 194
Berkeley, 116
Bernard, Claude, 92, 126, 132, 181, 212, 386
Bernheim, Hippolyte, 397, 510
Bertrand, 79
Bertrand, Gabriel, 36
Bethencourt, James a, 573
Bichat, Marie François Xavier, 92, 94, 97, 98, 360, 368
Biesele, J., 492, 502
Bigelow, Henry J., 360, 361
Bigelow, W. D., 258
Biggs, Hermann, 398
Bilguer, Johann, 112
Billings, Frank, 138, 144
Billings, John Shaw, 357
Biltz, Wilhelm, 13
Bion of Borysthenes, 308, 309, 311, 312, 313, 315
Biot, 172, 178, 194
Black, Joseph, 114, 341, 342
Blake, James, 199
Bloch, Harry, 146
Blundell, Charles R., 257
Boccaccio, 558
Bodington, George, 402
Boerhaave, Hermann, 339, 517, 520, 576
Boethius, 559
Bonaparte, Lucien, 73
Bonaparte, Napoleon, 74, 76, 164, 165, 542
Bonnac, *Mme* de, 545, 552
Bonner, Thomas, 145
Bordet, Jules, 3, 12, 19
Bordeu, Théophile de, 97, 364, 368
Borelli, G. A., 446
Borromeo, *St.* Charles, 260
Bostock, J., 367
Bosworth, Francke Huntington, 361, 363, 365
Bouin, P., 474
Bouret, 77, 78
Boveri, T., 467
Bowditch, H. I., 357
Bowditch, Henry Pickering, 357, 373, 375
Bowditch, Vincent Y., 404
Bowers, John Z., 449-464, 604
Boyle, Robert, 522, 529
Braid, James, 385
Braille, Louis, 61, 64, 83, 84, 86, 87
Brassavola, Antonio Musa, 573, 574, 579
Brehmer, Hermann, 402, 403, 406
Brenner, Friedrich, 601
Brieger, Gert H., 152-153, 300-301
Briggs, Robert, 357
Brigham, Amariah, 302
Broca, 391
Brock, *Lord,* 159
Brodie, Benjamin, 112
Brodie, T. G., 212
Brody, Saul Nathaniel, 302
Brogniart, 181, 182
Brosius, Marriott, 263
Brown, Baker, 241, 244
Brown, Crum, 199
Brown, John, 347, 351
Brown, Lawrason, 401, 406, 410, 414
Brown, Marion E., 128
Browne, *Sir* James Crichton, 30
Browning, Carl, 217, 218

Brožek, Josef, 444-445
Brucke, 388
Brunton, T. Lauder, 200
Bucareli y Ursua, Antonio María de, 271
Buchner, Eduard, 22, 23, 28, 29, 31, 37, 39, 40
Buchner, Hans, 24, 27, 40
Buford, Coleman, 141
Bulloch, 4
Bunge, Gustav v., 446
Burnham, John C., 601
Burns, Chester R., 159, 299-300
Buytendijk, F. J. J., 540, 541

Cabanis, P.-J.-G., 163, 164
Calvert, Frederick Crace, 123
Camp, John, 302
Campbell, Harry J., 423-426, 447
Campbell, Leslie Caine, 601
Campe, Joachim H., 115
Cangiamila, Francesco Emanuello, 269, 270
Cardeilhac, Zélie de, 85
Carmichael, 583
Cartwright, Frederick F., 124
Catlin, George, 358, 361
Celsus, Aulus Cornelius, 119, 328, 561, 562, 564
Champagny, 81
Chaptal, Jean-Antoine, 73, 75, 78, 81
Charcot, Jean-Martin, 377-386, 388-396, 508, 509, 510, 511
Charles III, *King*, 270
Charles IV, *King*, 266, 272, 273
Charles V, *Emperor*, 553, 559
Charles X, *King*, 164
Charters, William, 350
Chauliac, Guy de, 559
Chaussier, François, 92, 94
Chen Ko-kuei, 456
Cheselden, William, 545
Cheyne, George, 517-539
Cheyne, *Sir* W. Watson, 107, 112
Chick, H., 32, 37
Chiene, John, 127
Christie, Dugald, 462
Chrysippus, 311
Chu, E., 502
Cicero, 311
Clark, James, 356
Clarke, Edwin, 298-299
Clarke, L. Lockhart, 285
Cloos, Ernst, 599-600
Cohn, Ferdinand, 192, 193
Commenge y Ferrer, Luis, 446
Condorcet, *Marquis* de, 65
Conway, Anne, *Viscountess*, 551
Cook, Sherburne F., 275
Cooke, A. M., 154
Cooper, *Sir* Astley, 112, 125
Cope, *Sir* Zachery, 107
Cornelius, Eustace, 104
Corner, George W., 292-293, 434-438
Corvisart, J.-N., 386
Coste, 181
Cotugno, Domenico, 278
Coulange, *Mme* de, 551
Courant, M. M., 454
Cranefield, Paul F., 303
Crates, 307
Crookshank, Edgar M., 119
Cubi, Mariano, 302
Cullen, Henry, 350
Cullen, William, 338-351, 384
Culotta, Charles, 422
Cushny, Arthur, 209
Cuvier, Georges, 96, 97, 98, 99, 163, 164, 165, 167, 181, 183, 197
Czermak, 130

Dalton, John, 24, 25
Daly, W. H., 252, 253, 254, 255, 257, 259, 260
Dana, Charles L., 503, 504
Danforth, Isaac Newton, 136, 137
Dante, 118
Danysz, J., 3
Darius, 567
Darlington, C. D., 490
Darwin, Charles, 166, 183, 184, 185, 296-298, 365, 367

Darwin, Erasmus, 278, 365
David, Jacques-Louis, 76
Davis, Audrey B., 158
Davis, George B., 255
Davis, T. A., 141
Davison, Wilburt C., 159
Davy, Humphry, 544
Day, Stacey B., 158
Dean, 285
Debus, Allen G., 529
Defoe, Daniel, 549
Deiters, Otto Friedrich Carl, 276-286
Delevan, D. Bryson, 374
Demetrius, 313
Démeunier, 83
Demours, 65
Descartes, 364, 530
Desmarest, 65
Desnoyers, 184
Dettweiler, Peter, 402, 406, 412
Dewar, James, 30, 31
Diderot, D., 61, 68
Diller, I., 502
Dinouart, *Abbé,* 270
Diogenes of Sinope, 306, 307, 308, 309, 312, 314
Diomedes, 567
Dionis, Pierre, 112, 114, 546
Dionysius, 308, 313
Dioscorides, 557, 561
Dixon, H. B., 24
Dixon, W. E., 212, 375
Dobell, C., 368
Dodds, E. R., 313
Dodge, Grenville M., 251, 252, 254, 257, 258, 259, 262, 263
Doumer, Paul, 453
Dreser, 541
Dreyfus, 253, 254, 452
Duclaux, Emile, 182, 192
Dudley, D. R., 305, 309, 311, 312, 313
Duffy, John, 244
Dugès, Antoine, 163
Dujardin, Félix, 168
Duka, Theodore, 121, 122
Dumas, Charles-Louis, 92, 94
Dumas, Jean-Baptiste, 182
Duncan, 582, 584
Duncan, Andrew, 367
Duncan, *Lord,* 546
Duran, Carlos Martinez, 590
DuVerney, Joseph Guichard, 278, 360

Eagan, Charles Patrick, 253, 255, 263
Eakin, George, 588
Edelstein, L., 305
Edwards, W. Sterling, 446
Ehrenberg, Christian, 168
Ehrlich, Paul, 3, 4, 5, 6, 8, 9, 10, 11, 12, 18, 19, 199, 201, 203, 205, 206, 207, 208, 210, 211, 216, 218, 219, 220
Eisenberg, M. 502
Eisenberg, Philipp, 3, 12, 13, 14, 15
Ellenberger, Henri, 377, 378, 394
Elliot, Will, 400, 405, 407, 410, 411
Elliott, T. R., 212
Ellis, 584
Eloy, Ch., 559
Elsberg, Louis, 130
Elymas, 507
Embden, Gustav, 23, 39
Engelbrecht, Georg, 550
Engelhardt, H. Tristram, 234-248, 304
Engels, Friedrich, 130
Ent, *Sir* G., 354
Epictetus, 314, 315, 316, 317
Epicurus, 560, 566
Erasistratus, 334, 335, 336
Erichsen, John, 100, 112
Eugénie, *Empress,* 186
Euler, Hans, 23
Euripides, 331
Eustachio, Bartholomeo, 278
Evans, H., 478, 480, 483
Ewald, Richard, 17
Eyler, John M., 429

Faber, Knud, 386, 387
Faivre, Ernst, 183
Falloppio, Gabriele, 278, 574
Falret, Jean Pierre, 386

Faraday, Michael, 544
Farley, John, 161-198, 304
Farmer, J., 469
Fenger, Christian, 129-145
Fenger, Hans Fritz, 131
Fentress, Elza E., 224
Fenwick, Robert, 347
Ferdinand I, *Grand Duke*, 42
Fernel, J., 574, 581
Ferngren, Gary B., 337
Finney, John, 141
Fischer, Emil, 203
Fischer, Otto, 24
Fischer-Homberger, Esther, 154-155
Fishbein, Morris, 146
Fisher, Herbert, 400
Fisher, Irving, 398-415
Fisher, Margaret, 405
Fitzmaurice, Redmond, 588
Flechsig, Paul Emil, 280
Flegel, Kenneth M., 571-588, 602
Flemming, W., 469, 471, 474
Flexner, Simon, 452
Flick, Lawrence F., 412, 414
Fliess, Wilhelm, 241
Florin, John W., 155-156
Flourens, Marie-Jean-Pierre, 96, 181, 182, 183, 185, 279, 281
Flügge, 112
Folin, Otto, 456
Foot, Jesse, 583
Forbes, Edward, 372
Forbes, Thomas Rogers, 156-158
Ford, C., 466, 487, 492, 494
Ford, W. W., 2
Forel, August, 280, 387, 397
Forsythe, Mary, 346
Foster, Michael, 200, 369
Fothergill, John, 107
Foucault, Michel, 158
Fouché, Joseph, 77
Fournier, Alexandre, 80, 81, 83
Fox, Dixon Ryan, 129
Fracastoro, Girolamo, 50, 573, 586
Fränkel, Sigmund, 200
Francis, *St.*, 41
Francis II, *King*, 542
Frank, Joseph, 80
Franke, 217
Franke, G., 363
Fraser, Thomas, 199, 200
Frederick-William III, *King*, 82
Freind, 529
Freud, Sigmund, 241, 280, 377-397, 509, 513, 514, 515
Freundlich, H., 15
Fritsch, Johann, 387
Froschot, Nicolas, 81
Fruton, Joseph S., 446
Fuchsius, John, 260

Galbreath, Thomas Crawford, 410, 412
Galen, 278, 303, 320, 333, 335, 336, 353, 364, 556, 561, 562, 566, 601
Galileo, 99, 178
Gallatin, 425
Galliod, 70, 78, 79, 80, 83
Garcia, M., 373
Garcia Ballester, L., 446
Garland, Charles H., 406
Garnett, Richard, 127
Garnier, 83
Garrison, Fielding H., 503-516
Gaskell, Erich, 107
Gaustad, Edwin S., 601
Geison, Gerald L., 161-198, 304, 369
Gelfand, Toby, 428
Geoffroy St. Hilaire, 163, 164, 165, 167, 172, 181, 197
George IV, *King*, 125
Gersdorff, Hans von, 559
Gerstner, Patsy A., 159
Ghalioungui, Paul, 302
Gifford, James F., Jr., 299-300
Gilles de la Tourette, 512
Gimbernat, Antonio de, 302
Giovanni di Pape, 54
Glaucus, 567
God, 169, 188, 189, 313, 316, 318, 347, 519, 522, 523, 524, 526, 564
Godlee, *Sir* Rickman J., 101, 102, 107, 108, 116, 117, 118, 122
Goodale, Joseph Lincoln, 374, 375

Goodrich, Carrington, 450
Goodson, Felix E., 302
Grabner, Elfriede, 221, 232
Graefe, Albert von, 130, 504
Graham, Thomas, 3, 11, 100
Granjel, Luis S., 302
Grant, Robert Edmond, 372
Gray, Henry, 458
Grayson, C. P., 363
Grégoire, *Abbé*, 77
Gregory, John, 339
Griesinger, Wilhelm, 386
Grosser, O., 472, 473
Guadet, J., 79
Guérard, Albert L., 166
Guerra, Francisco, 590, 602
Guillié, 84, 85, 87
Guinness, Rupert Cecil, *Earl* of Iveagh, 28, 31
Guinon, Georges, 510
Guizot, François, 166
Guyer, M., 472

Hake, P., 550
Hales, 584
Hall, A. Rupert, 438-439
Hall, Marie Boas, 438-439, 523
Hall, T. S., 185, 196
Haller, Albrecht von, 91, 517
Haller, Carl, 122
Halstead, Murat, 254
Halsted, W. S., 141
Hamerton, J., 466, 487, 492, 494, 502
Hamilton, 116
Hammond, E. A., 156-158
Hammond, George Henry, 250
Hance, R., 497
Hand, Wayland D., 221-233, 304
Hanks, Dorothy, 128
Hannah, Jason A., 110, 111, 114, 427
Hansen, Emil, 28
Haque, A., 490
Harden, Arthur, 22-40
Hardenberg, Friedrich von, *see* Novalis
Hare, Charles J., 118
Harig, Georg, 601
Harms, Ernest, 302
Harris, Henry, 265
Harris, Isabella, Jr., 114
Hartman, C., 473
Harvey, William, 354
Haüy, Juste, 81
Haüy, Valentin, 61-65, 67-85, 87, 89
Hawkins, Caesar, 112
Hay, Donald F., 106
Hay, John, 249, 450
Hebra, F. von, 122
Heidelberger, Michael, 20
Heilmann, 81
Heister, Lorenz, 112
Hektoen, Ludvig, 143, 144
Heliodorus, 321, 328, 333, 336
Helmholtz, 130, 283
Helmont, John Baptist van, 364
Henderson, Virginia, 442-444
Henle, Jacob, 286, 356, 373
Henri, P., 84, 85
Henry, *Prince* of Prussia, 452
Hercules, 286
Hering, Ewald, 16
Hernandez, J. F., 582, 583, 584, 587
Herodotus, 567
Herophilus, 317
Herrick, James B., 140, 142, 143, 144
Heynitz, 344
Highmore, N., 360
Hilding, Anderson C., 376
Hill, L., 376
Hilton, John, 360
Hippocrates, 234, 317, 333, 399, 553, 565, 566, 567
Hitler, Adolf, 510
Hobson, Benjamin, 458
Hodgkinson, Ruth G., 427, 428
Höber, Rudolf, 18
Hoffmann, 517
Holden, Luther, 119
Holmes, Bayard, 139, 144
Holmes, Edward L., 138
Holmes, Oliver Wendell, 126
Holtz, Ferdinand, 130
Homberger, Julius, 130
Hombron, Bernard, 79

Homer, 568
Hooghe, Romeijn de, 551
Hoogstraten, Frans van, 551
Hooke, Robert, 354
Hopkins, F. G., 25, 33, 35
Hsu, T. C., 488, 490, 491, 492, 497, 502
Hürzler, Heinz, 302
Hughes, A., 496, 501
Huguenin, 285
Hume, Edgar E., 268
Hungerford, D., 492, 502
Hunt, Thomas, 107
Hunter, John, 348, 517, 571, 576, 578-584, 587
Hunter, William, 125, 292-293, 577
Hutchinson, Jonathan, 240, 244
Hutton, Charles, 116
Hyatt, Harry M., 225

Igakudo, Nanman, 462
Ignatius, *St.*, 553
Illingworth, *Sir* Charles, 106
Inchley, O., 375
Irgens, *Major*, 134
Irvine, R. J., 257
Isidorus Hispalensis, 557
Iturrigaray, Josef de, 273
Iveagh, *see* Guinness, Rupert Cecil

Jacobi, Abraham, 130, 131
Jacobsen, S. D., 135, 136
Jagic, N., 13, 17
Janet, Pierre, 508, 509, 510, 511, 512, 513, 515
Janick, J., 502
Jasensky, Ronald, 199-220
Jesus, 507
Jimenez Muñoz, Juan Manuel, 446
Jocelin of Furness, 558
John of Arderne, 100
Johnson, Hosmer A., 136
Johnstone, *Governor*, 343
Joly, N., 180
Jones, Thomas Wharton, 100
Joy, Robert J. T., 441
Julian, *Emperor*, 334
Jung, C. G., 568
Justinian, 416

Kahn, Edgar A., 153-154
Kahn, Samuel, 601
Karamehmedovic, Osman, 302
Katz, Robert S., 416-422, 447
Kaufman, Martin, 152-153
Kayser, 362
Keil, 529
Kemp, Dane T., 478, 490, 497, 498
Kempf, Dorothy Clarke, 601
Kempf, Edward J., 601
Kerr, John Glasgow, 458
Keuchel, Edward F., 249-264, 304
King, Lester S., 517-539, 602
King, R., 483
Klebs, Arnold C., 399, 407
Knapp, Hermann, 130
Knappe, J. von, 451
Knopf, S. Adolphus, 410
Koch, Robert, 112, 202, 398, 400, 401
Kodani, M., 488, 494 495, 502
Koelbing, Huldrych M., 302, 603
Koenig, Franz, 119
Kohler, Robert E., Jr., 22-40, 159
Koller, P., 478, 499, 502
Kollesch, Jutta, 603
Kottler, Malcolm Jay, 465-502, 602
Krackowizer, Ernst, 130
Krönlein, 143
Kubata, S., 463
Kudlien, Fridolf, 305-319, 447
Kühne, W., 27
Kuno, Yas, 463

Lachapelle, *Mme*, 79
LaCour, L., 500
Laennec, R.-T.-H., 386
LaGuardia, Fiorello, 262
Lamarck, J.-B., 163, 185
Lamartine, 87
Landois, 119

Landsteiner, Karl, 12, 13, 15, 17, 18, 20
Langenbeck, Bernhard v., 125
Langley, John Newport, 199, 200, 201, 211-216, 220
Lant, Mary, 590
La Rochefoucauld-Liancourt, *Duc* de, 65, 67, 71
Larrey, Jean-Dominique, 542
Larson, C., 502
Larson, James L., 294-296
Latham, Arthur, 406
Laura, Giambattista, 285, 286
Le Count, E. R., 144
Lee, Fitzhugh, 261
Lee, Robert E., 261
Leeuwenhoek, Antony v., 367, 368
LeFanu, W. R., 356
Legallois, J.-J.-C., 96
Leidesdorf, 377, 379, 394, 395
Lemery, 529
Le Noir, 62, 64
Leon, Nicolas, 267
Leonardo da Vinci, 354, 358
L'Epée, *Abbé* Charles Michel de, 67, 69, 89
Leriche, René, 542, 543
Lesky, Erna, 396, 594-597
Le Sueur, François, 64, 79
Lettsom, John Coakley, 107
Levan, A., 465, 466, 488, 489, 491, 492, 493, 494, 495, 497, 500, 502
Levin, Kenneth, 377-397, 447
Lewandowsky, M., 212
Lewis, M., 496
Lichtheim, 391
Liebig, 174, 182
Lillie, R. S., 375
Limoges, Camille, 294-296
Lindley, John, 116
Linné, Carl von, 294-296
Lister, Agnes Syme, 100, 102, 104, 117
Lister, Arthur, 103, 113, 116, 118
Lister, Isabella Sophia, 116
Lister, Jane, 116
Lister, John, 114
Lister, Joseph, 100-128
Lister, Joseph Jackson, 114, 372
Lister, William Hy., 116
Liston, 119
Livingston, Edward, 425, 426
Locke, John, 61, 114
Lodge, Henry Cabot, 455
Loeb, Jacques, 18, 20
Loew, Oscar, 200
Long, Esmond, 140, 144
López de Villalobos, Francisco, 303
López Piñero, José María, 159, 446
Louis IX, *St.*, 60, 89
Louis XIV, *King*, 542
Louis XVI, *King*, 84
Louis XVIII, *King*, 82, 83, 88
Louis Napoleon, 165, 182, 186, 194
Louis the German, 554
Lucian, 334
Lucy, *St.*, 507
Luke, *St.*, 317
Lunt, Joseph, 27
Luther, Martin, 59
Lyell, Charles, 599-600
Lyle, Willoughby, 124
Lyman, George D., 265
Lyman, Henry M., 136

Ma, Siang-Pe, 453
McArthur, L. L., 137, 138, 139, 144
MacDonald, Greville, 362
Macewen, William, 119
Macfadyen, Allen, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 40
McGovern, John P., 159
Mackenzie, John N., 360, 363, 375
McKinley, William, 251, 254, 255
McLachlan, Gordon, 446
McLaughlin, Redmond, 441
Madsen, 10
Magendie, François, 90-99, 360, 361
Magnus, R., 36
Makarios, 318
Makino, S., 496, 502
Male, Willem van, 553, 554
Malpighi, 114

Malus, 83
Manley, Thomas H., 374
Mann, James R., 260
Manna, G., 502
Mantoux, 401
Marius, 563
Markion, 317, 318
Markusovszky, Lajos, 119, 120, 121
Marquardt, Martha, 5
Marshall, Helen E., 442-444
Martin V, *Pope*, 42
Martin, Charles J., 31, 35, 36
Marx, Karl, 130
Massieu, 67
Matthey, R., 485, 486, 500, 502
Maulitz, Russell C., 427, 429, 439-441
Maxwell, S. S., 375
Mayo, W. J., 144
Mayow, John, 354
Mazumdar, Pauline M. H., 1-21, 159
Mead, Richard, 126, 303
Mead, Richard H., 303
Mendel, Gregor, 444-445
Mendelsohn, E., 446
Menière, 279
Meulenbeld, Gerrit Jan, 446
Meyer, Adolf, 131
Meyer, Christian, 159
Meyer, Friedrich, 80
Meyer, Hans, 209
Meyer, Hans Wilhelm, 132, 134
Meyerhof, Otto, 23
Meynert, Theodor, 285, 378, 379, 385-388, 391-394, 397
Miles, Nelson A., 252, 253, 254, 257, 260, 263
Millet, C. S., 409
Milne-Edwards, Henri, 170, 179, 181, 182
Minouchi, O., 478, 486
Mitchell, Silas Weir, 510, 541, 543
Mitterand, François, 88
Mittwoch, U., 500
Moll, Aristides A., 268
Monakow, Constantin von, 280, 281, 282, 285
Mondeville, Henri de, 555
Monro, 346
Montaigne, 364
Montgomery, T., 472
Moore, J., 469
Moreau, M., 62
Morgagni, J. B., 576, 577, 578, 587
Morgan, T., 472
Morgan, William E., 135
Morphus, 335
Morris, G. Harris, 28
Morton, William, 361
Moulin, Daniel de, 540-570, 589, 602
Müller, Johannes, 279, 386
Mueller, Mary, 128
Mullet, Charles F., 519
Murphy, J. B., 137, 138, 141, 144
Musset, Ch., 180

Nägeli, 40
Nanche, 84
Nanges, *Mme* de, 551
Navaschin, M., 478, 490, 498
Necker, 88
Neisser, 587
Nemec, Jaroslav, 303
Nencki, Marcel, 26
Neubauer, John, 598-599
Newton, Isaac, 95, 99, 178, 521, 523, 524, 527, 529
Nicholas V, *Pope*, 42
Niesen, Christian, 63
Nishimura, I., 496
Nixon, Patrick I., 265
Noeggerath, Emil, 131
Noguchi, Hideyo, 517-539
Norton, J. Pease, 399
Norwood, William Frederick, 300-301
Novalis, 598-599
Numbers, Ronald L., 430
Nuñez de Haro y Peralta, Alonso, 271, 272
Nutting, Mary Adelaide, 442-444

Ober, William B., 159
Oedipus, *King*, 515

Oguma, K., 477, 478, 480, 483, 484, 485, 487
Ohta, T., 478, 486
Okanishi, T., 463
Olby, Robert, 601
Oldenburg, Henry, 368, 438-439
Oliver, C., 502
Olmsted, J. M. D., 93
Onesicritus, 307
Onufrowitz, B., 280
Oppenheim, Hermann, 378, 382, 392, 394
Oppolzer, Johann, 396
Orel, Vítězslav, 444-445
Osler, *Sir* William, 145, 399, 446, 458, 571-588
Otis, Edward, 398
Overton, E., 209
Ovid, 332
Owen, Richard, 167, 197

Page, W. H., 378, 382
Paget, 119
Painter, A., 502
Painter, T. S., 473-480, 484-487, 499
Panum, Peter Ludvig, 132
Paracelsus, 554, 573, 574, 579
Paradis, *Mlle*, 63
Parascandola, John, 199-220, 304
Paré, Ambroise, 574
Parker, Dorothy, 516
Parker, George H., 375
Parker, J., 423
Pasteur, 123, 161-198, 356, 587
Paterson, G. R., 427
Paul, *St.*, 507, 551
Pauli, Wolfgang, 15, 16, 17, 20
Paulun, E. H., 451
Payne, Leonard, 107
Pennetier, Georges, 181, 185
Pepys, Samuel, 354
Perdiccas, *King* of Macedonia, 333
Périsse du Luc, 68
Peset Reig, M., 446
Pestalozzi, 86
Peter Leopold, *Grand Duke*, 42
Petrarch, Francesco, 559
Pettenkofer, Max, 26
Pezold, J. C., 549, 550
Pflüger, Edward, 3, 10, 11, 27, 29, 202
Philip the Fair, 555
Phillips, E. D., 159
Philoctetes, 568
Pick, E. P., 1, 2, 19, 21
Pignier, 84
Pilcher, Lewis S., 119
Pinckney, 425
Pinel, Philippe, 79, 89, 384
Pitcairn, 518, 520, 528, 529, 533
Pius VII, *Pope*, 81
Pius IX, *Pope*, 166
Plato, 307, 562
Pliny, 557, 561
Pliny the Elder, 328
Plotinus, 560
Plutarch, Caius Marius, 333, 563
Posidonius, 310, 311
Potter, Paul, 427, 430
Pouchet, Félix, 161-198
Powell, Alexander B., 254, 255, 256
Poynter, Noel, 303
Price, George, 411
Prick, J. J. G., 570
Priestley, Joseph, 354
Prieur de la Marne, 68
Proctor, Donald F., 352-376, 447
Propertius, 332
Pundel, J. Paul, 268
Purkinje, Johann Evangeliste, 278, 279, 371, 372, 373
Pussin, Jean-Baptiste, 80
Putscher, Marielene, 601
Pylades, 335
Pythagoras, 307

Quine, William E., 135, 136
Quinel, Peter, 558

Rabelais, 364
Rabl, C., 467
Rappeport, T., 475

Rather, L. J., 439-441
Ray, Bronson S., 153-154
Raynard, Ellen H., 117
Read, Bernard, 463
Reed, Walter, 260, 261, 262
Regio of Prüm, 555
Reich, M., 18
Remak, 282, 283
Rembrandt, 547
Renan, Ernst, 166
Reyher, Carl, 125
Rezzonico, *Prince*, 344
Rhazes, 556
Richardson, Benjamin Ward, 199
Richelieu, *Cardinal* de, 542
Richelieu, *Duc* de, 82
Richerand, Balthasar-Anthelme, 92-93, 94
Ricketts, Howard T., 144
Ricord, Philippe, 571, 576, 581, 582, 583, 584, 585, 586, 587
Ridley, 114
Riera, Juan, 446
Risse, Guenter B., 338-351, 447, 598-599
Robespierre, 76, 84
Robinson, Douglas H., 303
Rodenbach, Alexandre, 80, 81
Rodriguez, Josef Manuel, 266, 272
Röhl, 217
Rogers, J. F., 417, 418
Rohan, *Cardinal* de, 88
Rokitansky, Carl, 122, 386, 387
Rolando, Luigi, 286
Roller, Christian Friedrich Wilhelm, 280, 285
Romberg, M. H., 384, 385
Rondelet, 74
Roosevelt, Theodore, 254, 455
Root, Elihu, 455
Roscoe, Henry, 24, 25
Rosen, George, 129-145, 159
Rosenthal, Moriz, 377, 379, 394, 395
Rossi, Darius, 185
Rostand, 363
Rothmund, Franz C., 112, 113
Rousseau, 63, 76
Routh, 122
Rowland, Sydney, 33
Royer, Clémence, 166
Ruffer, Armand, 27
Ryder, Chales T., 406, 407, 413

Sachs, L., 466
Sajner, J., 444-445
Sandburg, Carl, 249
Sanderson, John Burden, 369
Sappho, 331
Sarria Vicente, Francisco de, 265, 275
Sartwell, Philip E., 155-156
Saxtorph, M. H., 113
Scarpa, Antonio, 279
Schadewaldt, H., 319
Schär-Sent, Monica, 302
Schafer, Edward Albert, 369
Schede, M., 119
Scheuthauer, Gustav, 387
Schiller, Francis, 276-286, 304
Schleiffer, Hedwig, 303
Schmidt, Carl F., 456
Schmidt, Gerhard, 446
Schneider, C. V., 364
Schorlemmer, 25
Schrenk, Martin, 303
Schüler, Georges, 601
Schullian, Dorothy M., 446
Schultze, Max, 283, 284, 285
Schwab, F. von, 451
Schwalbe, Gustav Albert, 280
Schwann, Theodor, 168, 171
Seifert, Ernest, 546, 547, 554, 566
Seignette, Paul, 78, 79, 80
Seleucus I, 334
Selye, Hans, 446
Semmelweis, Ignatz Philipp, 120, 121, 122, 124, 125, 127
Seneca, 313, 314, 565
Senn, Nicolas, 118
Serres, 181
Sévigné, *Mme* de, 550
Sewall, 424, 425
Shafter, 257
Shakespeare, 156-158

Shakespeare, Edward O., 260
Sharpe, H. G., 257
Sharpey, William, 100, 368, 369, 371, 372, 373, 374
Sharpey-Schafer, E. P., 369
Sharpey Schafer, Edward A., 369
Shelmire, J. B., 245
Shields, Randolph T., 458
Shimpei, Gotō, 461
Shiwago, P., 478
Sicard, *Abbé* Roch-Ambroise, 67, 69, 70, 71, 75, 83, 85
Sichel, 130
Siegel, Rudolph, 303
Sigerist, H. E., 328
Simon, John, 122
Simpson, James Y., 103, 122, 126
Siraisi, Nancy G., 601
Skoda, Josef, 122, 386
Slifer, E., 496, 502
Smith, A. M. Sheridan, 158
Smith, Arthur H., 455
Smith, Henry, 119
Smith, Michael M., 303
Smith, Paul, 403
Snowman, J., 601
Socin, August, 133
Socrates, 307, 562
Solon of Athens, 562
Soranus of Ephesus, 333
Spaude, Marion, 303
Sperber, Perry A., 303
Spring, David, 154
Stahl, George Ernst, 517, 520, 525, 526
Steen, Jan, 547
Stenens, Leonard A., 298-299
Stengel, E., 391
Stephanus, *Father*, 564
Stern, C., 502
Sternberg, George M., 261, 262
Sterne, Laurence, 363
Stettler-Schär, Antoinette, 302
Stieda, 285
Stilling, 285
Stratonice, 335
Straus, Erwin W., 154-155
Struthers, E. B., 458
Swanson, Gerald L., 601
Swediaur, François, 577, 578, 579, 582, 587
Swezy, O., 478
Swift, Gustavus F., 250, 255, 256
Sydenham, Thomas, 401, 537, 549, 574
Syme, James, 100, 101, 113, 114

Talbot, Charles, 104
Tapis, Estevan, 273
Tarkington, Booth, 118
Tatian, 318
Tavel, Ernst, 302
Teacher, John H., 106
Teles, 312
Temkin, Owsei, 90, 296-298, 575, 594-597
Teniers, David, 547
Tennyson, 118
Terentius, 286
Terrada Farrandis, M. Luz, 446
Tertullian, 317
Teucer, 567
Thackray, Arnold, 446
Theocritius, 332
Thomsen, Robert, 378, 382, 394
Thomson, Allen, 113, 369
Thomson, John Millar, 113
Thomas Aquinus, *St.*, 269
Timothy, 551
Tissot, S. A., 235
Tjio, J. H., 465, 466, 488, 489, 491-495, 497, 500, 502
Tode, 584
Toellner, R., 569
Tongue, James, 583, 584, 585, 587
Trexler, Bernice J., 41-59, 159
Trudeau, Edward Livingston, 403, 404, 406, 408, 409
Trümpy, Hans, 302
Turner, Thomas B., 303, 434-438
Tyndall, John, 192

Vacher de Charnois, 65
Valentin, G. G., 371, 373

Valerius Maximus, 333
Valle, Rosemary Keupper, 265-275, 304
Valsalva, 114
Van den Berg, J. H., 543, 544, 545, 546, 547
Vaughan, Victor C., 260
Veith Ilza, 503-516, 602
Venge, O., 496, 502
Vergil, 332
Verworn, Max, 10, 15, 16, 17, 18, 19
Vesalius, A., 358
Vettori, Benedetto, 573
Viader, José, 267, 272
Vicq d'Azyr, Félix, 65, 286
Viets, Henry R., 518
Vigo, Johannes de, 559
Vincent, Eugène, 453, 454
Viñals, Josef, 267
Virchow, Rudolf, 120, 283, 387, 587
Voegtlin, Carl, 131
Voelcker, Arthur F., 108
Volk, Richard, 3, 12, 13, 14, 15
Vuillemot, Juste Nicolas, 83

Wade, James F., 254, 255, 257, 258, 259, 263
Wahrman, J., 502
Wain, Harry, 293-294
Walker, A. Earl, 153-154
Walker, Alexander, 303
Walker, C., 469
Walshe, Walter H., 100
Wangensteen, Owen H., 100-128, 146-147, 159, 433
Wangensteen, Sarah D., 100-128, 159, 433
Warburg, Otto, 23
Warren, J. Mason, 114
Warren, John Collins, 114
Watt, James, 341
Webb, Gerald B., 406, 407, 413
Webster, Daniel, 357
Wedl, Carl, 387
Weiner, Dora B., 60-89, 159
Weissenburg, 63
Welch, 144
Wells, H. Gideon, 144
Wells, Thomas Spencer, 122, 123
Wendel, Georg Wolfgang, 549
Wernicke, Carl, 285, 387, 391
Westfall, Richard S., 438-439
Weston, J. F., 255, 256
Whittaker, Christine R., 398-415, 447
Whytt, Robert, 302
Wiborg, Frank, 252
Wiley, Harvey W., 258, 259, 260, 262, 264
William the Conqueror, 555
Willis, 529
Willis, R. D., 351
Wills, Ludwig, 159
Wilson, George W., 253
Wilson, James, 258
Wilson, Leonard G., 599-600
Wiltshire, Harold, 104
Winiwarter, Hans de, 468, 469, 471-480, 483-487
Winslow, C. E., 417, 418
Winslow, John H., 296-298
Wodehouse, P. G., 361
Wohlgemuth, 541
Wright, Jonathan, 364
Wroblewski, Augustin, 36, 37
Wu, Hsien, 456
Wunderlich, Carl August, 601
Wyman, Jeffries, 373
Wyman, Morrill, 357, 373

Xenophon, 309, 321, 322, 323, 325

Young, William, 33, 34, 35, 36, 37, 38, 39
Young, William J., 22

Zaraboza Rubira, J. R., 446
Zeno, 310
Zeune, Johann-August, 82
Zuckerkandl, E., 363